

Substitute for form 1449A/PTO				<i>Complete If Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/816,197
				Filing Date	March 31, 2004
				First Named Inventor	DESILETS, CHARLES S.
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet 1 of 3	Attorney Docket Number		021356-000320US		

**U.S. PATENT DOCUMENTS+**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ACCS	AA	US-2002/0128592	09/12/2002	Eshel	
	AB	US-2003/0083536	05/01/2003	Eshel et al.	
	AC	US-2004/0039312	02/26/2004	Hillstead et al.	
	AD	US-4,002,221	01/11/1977	Buchalter	
	AE	US-4,059,098	11/22/1977	Murdock	
	AF	US-4,211,849	07/08/1980	Brisken et al.	
	AG	US-4,291,578	09/29/1981	Hetz et al.	
	AH	US-4,326,418	04/27/1982	Pell, Jr.	
	AI	US-4,368,410	01/11/1983	Hance et al.	
	AJ	US-4,437,033	03/13/1984	Diepers	
	AK	US-4,459,854	07/17/1984	Richardson et al.	
	AL	US-4,501,557	02/26/1985	Tamura et al.	
	AM	US-4,556,068	12/03/1985	Semrow	
	AN	US-4,567,895	02/04/1988	Putzke	
	AO	US-4,593,699	08/10/1988	Poncy et al.	
	AP	US-4,865,042	09/12/1989	Umemura et al.	
	AQ	US-4,960,107	10/02/1990	Aida et al.	
	AR	US-5,143,063	09/01/1992	Fellner	
	AS	US-5,259,383	11/09/1993	Holstein et al.	
	AT	US-5,301,660	04/12/1994	Rattner	
	AU	US-5,352,301	10/04/1994	Panchanathan et al.	
	AV	US-5,382,286	01/17/1995	Fanning et al.	
	AW	US 5,419,327	05/30/1995	Rohwedder et al.	
	AX	US 5,434,208	07/18/1995	Batelaan et al.	
	AY	US 5,476,438	12/19/1995	Edrich et al.	
	AZ	US 5,477,736	12/26/1995	Lorraine	
	BA	US 5,505,206	04/09/1996	Wallich	
	BB	US 5,526,815	06/18/1996	Granz et al.	
	BC	US 5,568,810	10/29/1996	Hamers et al.	
	BD	US 5,623,928	04/29/1997	Wright et al.	
	BE	US 5,628,554	05/06/1997	Ryaby et al.	
	BF	US 5,669,150	09/23/1997	Guertin et al.	
	BG	US 5,676,159	10/14/1997	Navis	
	BH	US 5,738,098	04/14/1998	Brock-Fisher et al.	
	BI	US 5,738,635	04/14/1998	Chapelon et al.	
	BJ	US 5,755,753	05/26/1998	Knowlton	
	BK	US 5,769,780	08/23/1998	Watkins et al.	
	BL	US 5,820,823	10/13/1998	Ng	
	BM	US 5,871,446	02/18/1999	Wilk	
	BN	US 5,938,608	08/17/1999	Bieger et al.	
	BO	US 5,938,922	08/17/1999	Fulk, Jr. et al.	
	BP	US 6,039,689	03/11/2000	Lizzi	

Examiner  
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*Waller O. Dj*

Date  
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2/18/05

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U.S. PATENT DOCUMENTS+						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
WZJ	BQ	US 6,039,694		03/21/2000	Larson et al.	
	BR	US 6,071,239		06/06/2000	Cribbs et al.	
	BS	US 6,085,749		07/11/2000	Wardle et al.	
	BT	US 6,113,558		09/05/2000	Rosenchein et al.	
	BU	US 6,142,748		11/07/2000	Harris et al.	
	BV	US 6,152,137		11/28/2000	Schwartz et al.	
	BW	US 6,217,515		04/17/2001	Yamakawa et al.	
	BX	US 6,233,478		05/15/2001	Strommer et al.	
	BY	US 6,261,249		07/17/2001	Talish et al.	
	BZ	US 6,264,605		07/24/2001	Scirica et al.	
	CA	US 6,302,848		10/16/2001	Larson et al.	
	CB	US 6,308,148		10/23/2001	Dinkler	
	CC	US 6,366,831		04/02/2002	Raab	
	CD	US 6,419,648		07/16/2002	Vitek et al.	
	CE	US 6,423,077		07/23/2002	Carol et al.	
	CF	US 6,488,639		12/03/2002	Ribault et al.	
	CG	US 6,506,171		01/14/2003	Vitek et al.	
	CH	US 6,554,826		04/29/2003	Deardorff	
	CI	US 6,561,389		05/13/2003	Earle	
	CJ	US 6,575,806		06/10/2003	Schembri, Jr. et al.	
	CK	US 6,607,498		08/19/2003	Eshel	
	CL	US 6,613,004		09/02/2003	Vitek et al.	
	CM	US 6,618,620		09/09/2003	Freundlich et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup>			
WZJ	CN	GB	820814	09/30/1959	Univ. Illinois	<input type="checkbox"/>

Examiner Signature	<i>WZJ</i>	Date Considered	2/18/105
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Substitute for form 1449B/PTO				<i>Complete if Known</i>	
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				Application Number	10/816,197
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				Art Unit	Unassigned
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				Attorney Docket Number	021356-000320US

<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
WCS	CO	AYME et al., Occurance of transient cavitation in pulsed swatooth ultrasonic fields <i>J. Acoust. Soc. Am.</i> (1988) 84(5):1598-1605.			
	CP	BILLARD et al., Effects of Physical Parameters on High Temperature Ultrasound Hyperthermia, <i>Ultrasound in Med. &amp; Biol.</i> (1990) 16(4):409-420.			
	CQ	CAIN et al., Concentric-Ring and Sector-Vortex Phased-Array Applicators for Ultrasound Hyperthermia, <i>IEEE Transactions on Microwave Theory and Techniques</i> , (1986) MTT-34(5):542-551.			
	CR	CHEN et al., Mechanisms of Lesion Formation in High Intensity Focused Ultrasound Therapy, <i>2002 IEEE Ultrasonics Symposium</i> , (2002) pp. 1443-1448.			
	CS	CLARKE et al., Physical and chemical aspects of ultrasonic disruption of cells <i>J. Acoust. Soc. Am.</i> (1970) 47(2):649-653.			
	CT	FJIELD et al., Design and Experimental Verification of Thin Acoustic Lenses for the Coagulation of Large Tissue Volumes, <i>Phys. Med. Biol.</i> (1977) 42:2341-2354.			
	CU	FJIELD et al., Experimental verification of the sectorized annular phased array for MRI guided ultrasound surgery <i>IEEE Ultrasonics Symposium</i> (1998) pp. 1273-1278.			
	CV	FJIELD et al., The Combined Concentric-Ring and Sector-Vortex Phased Array for MRI Guided Ultrasound Surgery, <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> (1997) 44(5):1157-1167.			
	CW	FJIELD et al., <i>In Vivo</i> Verification of the Acoustic Model Used to Predict Temperature Elevations for MRI Guided Ultrasound Surgery, <i>1998 IEEE Ultrasonics Symposium</i> , (1998) pp. 1415-1418.			
	CX	FLYNN et al., A mechanism for the generation of cavitation maxima by pulsed ultrasound <i>J. Acoust. Soc. Am.</i> (1984) 76(2):505-512.			
	CY	FRY, Precision High Intensity Focusing Ultrasonic Machines for Surgery, <i>From the Biophysical Research Laboratory, College of Engineering, University of Illinois, Urbana, Illinois</i> , (1958) pp. 152-158.			
	CZ	FRY et al., Threshold ultrasonic dosages for structural changes in the mammalian brain <i>J. Acoust. Soc. Am.</i> (1970) 48(6):1413-1417.			
	DA	ter HAAR, Ultrasound Focal Beam Surgery, <i>Ultrasound in Med. &amp; Biol.</i> , (1995) 21(9):1089-1100.			
	DB	HAND, Ultrasound Hyperthermia and the Prediction of Heating, <i>Ultrasound in Medicine</i> , Duck et al., Eds., Chapter 8, Institute of Physics Publishing, Bristol and Philadelphia, (1998) pp. 151-157.			
	DC	KINNEY, Body contouring with external ultrasound <i>Plastic &amp; Reconstruct. Surg.</i> (1999) 103:728-728.			
	DD	Padmaker, Thresholds and mechanisms of ultrasonic damage to 'organized' animal tissues <i>Symposium on Biological Effects and Characterizations of Ultrasound Sources</i> (1977) Hazzard et al., Eds., pp. 224-239.			
↓	DE	UMEMURA, The Sector-Vortex Phased Array: Acoustic Field Synthesis for Hyperthermia, <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , (1989) 36(2):249-257.			

Examiner Signature	<i>Willie C. Day</i>	Date Considered	2/18/05
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